Index to

LAND ECONOMICS

a quarterly Journal of

PLANNING, HOUSING & PUBLIC UTILITIES

VOLUME XXXIV

February 1958-November 1958

LEADING ARTICLES

BLACK, HAROLD. Detroit: A Case Study in Industrial Problems....219–226

CANNON, DOUGLAS V. The Strength and Weakness of Western Housing Markets....316–328

CLAWSON, MARION. An Institutional Innovation to Facilitate Land Use Changes in the Great Plains. 74–79

DOERR, ARTHUR H. Land Use in the Eastern Extension of the Lake Agassiz Plain (Don R. Hoy, co-author).... 54–60

FREIDMANN, JOHN R. P. An Index of Resources Development with Special Reference to Brazil..298–309

GOTTLIEB, MANUEL. Medical Care: A Public Utility?....208–218

GRAMM, WARREN S. Limitations of the Theory of the Firm for Water Resource Analysis....113–121

GREGORY, G. R. Production Goals for Forestry..135–142

GROTEWOLD, ANDREAS. Commercial Development of Highways in Urbanized Regions: A Case Study (Lois Grotewold, co-author)....236–244

GROTEWOLD, LOIS. Commercial Development of Highways in Urbanized Regions: A Case Study (Andreas Grotewold, co-author)....236–244

HART, JOHN FRASER. Migration from a Southern Appalachian Community (B. H. Luebke, co-author).... 44–53

HOY, DON R. Land Use in the Eastern Extension of the Lake Agassiz Plain (Arthur H. Doerr, co-author).... 54–60

HURLBURT, VIRGIL L. Theory of Supply of Farm Land....161–167

LASSITER, R. L., JR. Methods of Compensating Land Owners for Damages Attributed to Public Control of Water Levels; A Case Study of the Islands in Lake Okeechobee, Florida (W. K. McPherson, co-author).... 37–43

LESSINGER, JACK. Exclusive Agricultural Zoning: An Appraisal I—Agricultural Shortages....149–160

———— ——. Exclusive Agricultural Zoning: An Appraisal II—Comparative Advantage....255–262

LEVIN, HARVEY J. Workable Competition and Regulatory Policy in Television Broadcasting..101–112

LUEBKE, B. H. Migration from a Southern Appalachian Community (John Fraser Hart, co-author).... 44–53

MACDONALD, GORDON D. Manhattan's Real Property Values and the Migrant Puerto Ricans (Rosalind Tough, co-author).... 1–18

MARSHALL, F. RAY. The Finnish Cooperative Movement....227–235

MC PHERSON, W. K. Methods of Compensating Land Owners for Damages Attributed to Public Control of Water Levels; A Case Study of the Islands in Lake Okeechobee, Florida (R. L. Lassiter, Jr., co-author).... 37–43

PARSONS, JAMES J. The Natural Gas Supply of California.... 19–36

REISS, ALBERT J., JR. Community Specialization in Durable and Nondurable Goods Manufactures..122–134

ROSS, MYRON H. Product Differentiation in the Parking Market....245–254

RUBNER, ALEX. The "Price-Less" Land of Israel..290–297

SMYKAY, EDWARD W. An Appraisal of the Economics of Scale in the Motor Carrier Industry..143–148

TOUGH, ROSALIND. Manhattan's Real Property Values and the Migrant Puerto Ricans (Gordon D. MacDonald, co-author).... 1–18

TRICE, ANDREW H. Measurement of Recreation Benefits (Samuel E. Wood, co-author)....195–207

TYBOUT, RICHARD A. Atomic Power and the Public Interest....281–289

WEHRWEIN, CARL F. An Analysis of Agricultural Ladder Research....329–337

WERTHEIMER, ROBERT G. The Miracle of German Housing in the Postwar Period....338–345

WOOD, DONALD F. The St. Lawrence Seaway : Some Considerations of Its Impact.... 61–73

WOOD, J. Development of Urban and Regional Planning in India....310–315

WOOD, SAMUEL E. Measurement of Recreation Benefits (Andrew H. Trice, co-author)....195–207

REPORTS AND COMMENTS

GILLIES, JAMES. "Urban Pressures on California Land:" A Comment (Frank Mittelbach, co-author).... 80–82

GREGOR, HOWARD F. "Urban Pressures on California Land:" A Rejoinder.... 83–86

GROSSMAN, DAVID A. Flood Insurance: Can A Feasible Program Be Created?....352–357

HINES, LAWRENCE G. Measurement of Recreation Benefits: A Reply....365–367

JAMES, LEE M. Influence of Some Public Assistance Programs on Forest Landowners in Northern Michigan (James G. Yoho, co-author)....357–364

KOHR, LEOPOLD. Velocity Theory of Population..178–181

KOPLIN, H. T. Comment: "A Reexamination of Discriminatory Price Practices"..... 92–94
LASSITER, ROY L., JR. Structural Changes in Agricultural Finance in Southeastern Florida...346–349
LESSINGER, JACK. Measurement of Recreation Benefits: A Reply.....369–370
MANSFIELD, EDWIN. Note on Railroad Productivity and Efficiency Measures (Harold H. Wein, co-author)..... 87–91
MITTELBACH, FRANK. "Urban Pressures on California Land:" A Comment (James Gillies, co-author)..... 80–82
MOTHERAL, JOE R. Commentary on "Economic Backwardness and Economic Growth".....350–352
NOBE, KENNETH C. Results of a Test of Air Photo Interpretation as a Tool in Farm Management and Land Economics Research.....271–275
NORTON, HUGH S. The Itinerant Trucker: A Problem in Business Growth.....184–187
RICHARDS, ALLEN B. Some Economic Considerations of the Multiple Use of Forest Land.....263–268
SAMPSON, ROY F. Comparative Performance of Electric Utilities Under State and Under Local Rate Regulation.....174–177
SCHMITT, ROBERT C. Estimating Household Size in Urban Redevelopment..... 95–97
SMITH, EDMUND ARTHUR. Funding of Building Amortization and Site Clearance Costs: A Proposition.....269–270
TIEBOUT, CHARLES M. Hawley and Duncan on Social Area Analysis: A Comment.....182–183
TRICE, ANDREW H. Measurement of Recreation Benefits: A Rejoinder (Samuel E. Wood, co-author).....367–369
WATTLES, MARSHALL D. Observations on Foreign Trade in Lumber.....168–173
WEIN, HAROLD H. Note on Railroad Productivity and Efficiency Measures (Edwin Mansfield, co-author)..... 87–91
WOOD, SAMUEL E. Measurement of Recreation Benefits: A Rejoinder (Andrew H. Trice, co-author).....367–369
YOHO, JAMES G. Influence of Some Public Assistance Programs on Forest Landowners in Northern Michigan (Lee M. James, co-author).....357–364

BOOK REVIEWS

ASHWORTH, HERBERT. *Housing in Great Britain*.... 98
CHAPMAN, J. M. and CHAPMAN, BRIAN. *The Life and Times of Baron Haussmann: Paris in the Second Empire*..... 371
CURRIE, A. W. *The Grand Trunk Railway of Canada*.. 189
DANA, SAMUEL T. and KRUEGER, MYRON. *California Lands: Ownership, Use and Management*.... 373
HOYT, HOMER. *Economic Survey of Montgomery and Prince Georges Counties, Maryland*.....276
MC KEAN, EUGENE C. and TAYLOR, HAROLD C. *Public Works and Employment from the Local Government Point of View*..... 372
PINCKNEY, DAVID H. *Napoleon III and the Rebuilding of Paris*..... 371
ROBSON, WILLIAM A. (editor) *Great Cities of the World, Their Government, Politics and Planning*.... 190
SELF, PETER. *Cities in Flood*..... 188
THOMAS, WILLIAM L., JR. (editor) *Man's Role in Changing the Face of the Earth*..... 98
WILLIAMS, WAYNE. *Recreation Places*..... 191

SUBJECT MATTER

A

Agricultural finance
  structural changes study, Southeastern Florida
    credit prior to 1947.....346–347
    easing of credit conditions.....348
    impact of changes.....348
Agricultural ladder
  analysis of research progress
    critique of validity of concept.....331–337
    historical summary since 1916.....329
    scope and quality of statistical works.....330
Agriculture
  see Agricultural finance; Agricultural ladder; Air photo interpretation test; Exclusive agricultural zoning; Farm land; Finnish cooperative movement; Flood insurance; Forest landowners; Great plains; India; Israel; Lake Agassiz plain; Urban pressures on California land
Air photo interpretation test
  tool in farm management and research
    classification according to land use.....272
    construction of road segments.....273
    identifying types of farming.....273
    location of active homesteads.....273
Appraisal, real estate
  see Agricultural finance; Flood insurance; German housing; Real property problem
Atomic power and the public interest
  military and social evaluations
    costs in merchant ship propulsion.....281
    dearth of market for bulk consumption, energy....282
    electric utility rate regulation.....282
    energy resource and consumption projections.....282
    federal research.....285
    fossil fuels versus fissionable materials.....282
    general purpose aids.....285
    social costs and benefits.....284
    solar energy potential.....283
    transportation and space heating potential.....283

B

Brazil
  index of resources development study
    construction of the index.....298
    efficiency in resource use.....306
    general characteristics of average index.....301
    shortcomings of index.....302
    weighted average index.....305

C

California
  exclusive agricultural zoning.....149–160, 255–262
  natural gas supply.....21–31
  recreation benefits study reviewed.....195–207
California, natural gas supply
  cheap gas and expanding markets.....21–22
  dry gas fields, underground storage.....23
  El Paso Natural Gas Company.....25
  future gas supplies for California.....33
  high load factors or high prices.....35

Natural Gas Act, 1938....26
Pacific Northwest Pipeline controversy....30
paradox basin developments....31
Permian Basin of West Texas and New Mexico....27
see also Urban pressures on California land

D

Demography
see India; Population, velocity theory
Detroit
industrial problems of a central city: a case study
pressures causing industry to move....222–224
problems amenable to planning solutions....224–226
trends and their impact....219–226

E

Economic growth and backwardness
critique and comment
agriculture versus industrial development....350–351
El Paso Natural Gas Company....25
Electric utilities
under state and local regulation
comparative performance analyzed....174–178
comparisons of revenues, eleven utilities....175
comparisons, selected data....177
see also Atomic power and the public interest
Exclusive agricultural zoning
appraisal of dislocations from prime land
adaptability of needed crop land....156–157
California as special problem area....152–159
meaning of "agricultural shortages"....150
potential shortages after 1975....158
potential shortages by 1975....155–159
present shortages defined....151
qualitative analysis....256–260
regional employment dislocations....261–262
'urban erosions" threat....149–158
urbanization scatter problem....261
see also Farm land; Forest landowners

F

Farm land
theory of supply
changes in intensity of use....161–163
factor pricing and factor use....161–163
quantity of land services available....164
significance of supply concept....161–167
see also Agricultural ladder; Finnish cooperative movement; Air photo interpretation test; Forest landowners; Israel
Farm management
see Agricultural finance; Agricultural ladder; Air photo interpretation test; Israel
Federal Communications Commission
review of report, *Network Broadcasting*....101–112
Federal Inter-Agency River Basin Committee....197
Finnish Cooperative Movement
extent of influence on whole country
Central Union of Consumers Cooperative Society..229
cooperative credit movement....232–233
Finnish Cooperative Wholesale Society....229
historical background of growth....227–230
importance to farmers....227–234
Flood insurance
feasibility of federal program
Federal Flood Indemnity Administration....352–354
federal subsidy proposal....356
need for flood insurance....352
opposition of private insurance companies....353
Florida, Lake Okeechobee, water control project....37–43
see also Agricultural finance; Water resources
Forest landowners
public assistance: case study, northern Michigan
agricultural conservation program....362
forestry extension....358
service forestry program....359
soil conservation districts....361
Forestry
a model for production goals
"dynamic" methodology....137
industry total-cost function....139
national plan, 1933....134
physical peculiarities of forest production....136
planned output pattern....138
see also forest landowners; Multiple use of forest land; Timber industry, northwest United States

G

German housing
miraculous growth in postwar period
government assistance....339–341
housing completions, 1949-57....339
incentive taxation devices....341–344
Great Plains
basic problem of its agriculture....75
limitations of private ownership....75
mixed corporation proposal....78

H

Highways, commercial development study
U. S. highway between Chicago and Milwaukee
distribution of establishments....239–241
process of change....242–243
service functions of area....237–239
trade areas....241–242
see also Parking market
Honolulu, Hawaii
see Urban redevelopment
Housing
see German housing; India; Real property values, Manhattan; Urban problems; Urban redevelopment; Western housing markets

I

India
development of regional planning
economic handicaps....310
status of town planning....311
training of staff....315
Industrial development
see Brazil; Detroit; Exclusive agricultural zoning; Highways, commercial development study; India; Industrial problems in urban centers; Itinerant trucker; Lake Agassiz plain; Parking market; St. Lawrence Seaway
Israel
two-landlord system of land rental
agricultural cooperatives: Kibbutz and Moshav..292
arbitrary decisions determine rent size....292–294
distorted price-and-cost structure....297
pattern of land ownership....291–292
political background....290–291
water resources problem....294–297
see also India
Itinerant trucker
a problem in business growth....184–187
see also Highways, commercial development study; Transportation

L

Lake Agassiz plain
land use analysis
agricultural limitations....58

drainage attempts....56
forestry enterprises....58
manufacturing property....59
Land use
see Brazil; Detroit; Exclusive agricultural zoning; Farm land; Forest landowners; Great Plains; Highways, commercial development study; India; Industrial problems in urban centers; Israel; Lake Agassiz plain; Parking market; Urban pressures on California land; Urban redevelopment

M

Measurement of recreation benefits
study based on use of five reservoirs, California
cost approach to estimating benefits....200
critiques of study and author's rejoinder..365, 367, 369
expenditure approach to estimating benefits...199–202
primary and secondary benefits distinguished....196
specific applications of recommended method..203–206
travel cost approach....202
Upper Feather River investigations, 1957....195
Medical care
is it a public utility?
doctor's power to discriminate in charges....213
health insurance shortcomings....211
high cost for the middle class....210
shortage of medical practitioners....208
system of prepaid care....212
system of standard charges....213
Michigan case study public assistance to forest landowners....385–364
Migrating from a southern Appalachian community
a study of reasons and resistances....44–53
Minnesota
see Lake Agassiz plain
Motor carrier industry
appraisal of economic scale
analysis of Nelson report, 1956....143–145
analysis of Roberts article of 1956....145–147
market-absorption ratio....146
public policy standard, Weeks Report, 1955....143
service considerations....146
see also Itinerant trucker; Transportation
Multiple use of forest land
some economic considerations
cost-benefit analysis and programming....267–269
estimation of production and value....266–267
technical relationships....263–264
see also Forest landowners

N

Natural Gas Act, 1938....26
Network broadcasting
workable competition and regulatory policy
bases of concentration....102–105
complex factors blockading entry....106–111
multiple-station ownership....109
network trade practices....106–111
option-time problem....107
rates and compensation....109
New York
see Air photo interpretation test; Real property values, Manhattan
North Dakota
see Lake Agassiz plain

P

Pacific Northwest Pipeline controversy....30
Parking
see Parking market
Parking market
a study in product differentiation, Philadelphia
definition of market areas....247
differential advantage of corner location....253
impact of spatial differentiation....246–253
urban rent theory....252
Permian basin of New Mexico and Texas....27
Population, velocity theory....178–181
see also Brazil; India; Parking market
Price discrimination
a decreasing price firm versus average cost pricing..92–95
Proposed Practices for Economic Analysis of River Basin Projects, 1950....115
see also Israel; Water resource analysis
Public utilities
see Atomic power and the public interest; California, natural gas supply; Electric utilities; Itinerant trucker; Medical care; Motor carrier industry; Network broadcasting; Transportation
Puerto Ricans in Manhattan, real property values....1–18

R

Railroad productivity
freight yard efficiency
analysis of output and productivity index....88–91
Rate regulation
see Electric utilities; Itinerant trucker; Transportation
Real property problem
amortization and site clearance costs....269–271
see also Real property values, Manhattan
Real property values, Manhattan
affect of migrant Puerto Ricans
crowding and rental factors....14
housing conditions and levels of living....12
influence on property values....16
market valuations versus total assessments....5
occupations....15
recreation and other factors....15
Recreation
see Measurement of recreation benefits; Multiple use of forest land
Regulatory policy in television broadcasting
see Network broadcasting
Resources development
see Atomic power and the public interest; Brazil; Economic growth and backwardness; India; Israel

S

San Juan Basin gas fields....28
St. Lawrence Seaway
some considerations of its impact
changes in movements of bulk cargoes....65
costs and tolls....72
effect on carriers....69
industrial development....67
limitations on traffic....71
see also Atomic power and the public interest
Social area analysis
comment on Hawley and Duncan theory
lack of a theoretical framework....183
shortcomings of present methodology....182–183
social interaction within metropolitan regions....182
see also Brazil; Detroit; Measurement of recreation benefits; Parking market

T

Television broadcasting
see Network broadcasting
Theory of the firm for water resource analysis....113–121
see also Israel; Measurement of recreation benefits
Timber industry, northwest United States
observations on foreign trade
exports as percentage of production....171

indices of national income....174
indices of imports and prices....174
relative significance of imports....169
see also Forest landowners
Transportation
see Atomic power and the public interest; Itinerant trucker; Highways, commercial development study; Motor carrier industry; Railroad productivity; St. Lawrence Seaway
Transportation policy assessment
see Atomic power and the public interest; Itinerant trucker; Motor carrier industry

U

United States lumber imports....173–174
Urban pressures on California land
pro and con discussion
diminution of agricultural land....80–86
loss of specialty land....81, 85
production geared to market situation....81, 85
rate of transfer of land use....81–83, 84–86
see also Farm land; Industrial problems in urban centers; Measurement of recreation benefits; Population, velocity theory; Social area analysis
Urban problems
see Brazil; Detroit; Exclusive agricultural zoning; German housing; Highways, commercial development study; India; Industrial problems in urban centers; Migration from southern Appalachian community; Parking market; Population, velocity theory; Social area analysis
Urban redevelopment
methodology of estimating household size
Honolulu study examined....96
multiple regression techniques....96–97
see also Detroit; Exclusive agricultural zoning; Highways, commercial development study; India Industrial problems in urban centers; Parking market; Social area analysis

W

Water control project
compensation problems reflected in Florida study
annual damages compensation....42
conflict of interests....39
description of island and land use....36
fee simple title acquisition....40
flowage easement acquisition....41
see also Atomic power and the public interest; Flood insurance benefits; Israel; Measurement of recreation; Water resource analysis
Water Policy for the American People, 1950....115
see also Measurement of recreation benefits
Water resource analysis
limitations of the theory of the firm
critique of present procedures....117–120
evolution of water policy in United States....114
gains possible through refinement of evaluation....120
federal reports of 1950 discussed....115–120
technical-economic fundamentals....113
see also Flood control; Israel; Measurement of recreation benefits; Water control project
Western housing markets
analysis of strengths and weaknesses
air and highway transportation....321
dangers of inflation....324
dangers of over-building....325
industrial expansion....319, 322
military construction....320, 323
urban population....317, 322

Y

Yorkville: control area....10
see also Real property problem; Social area analysis